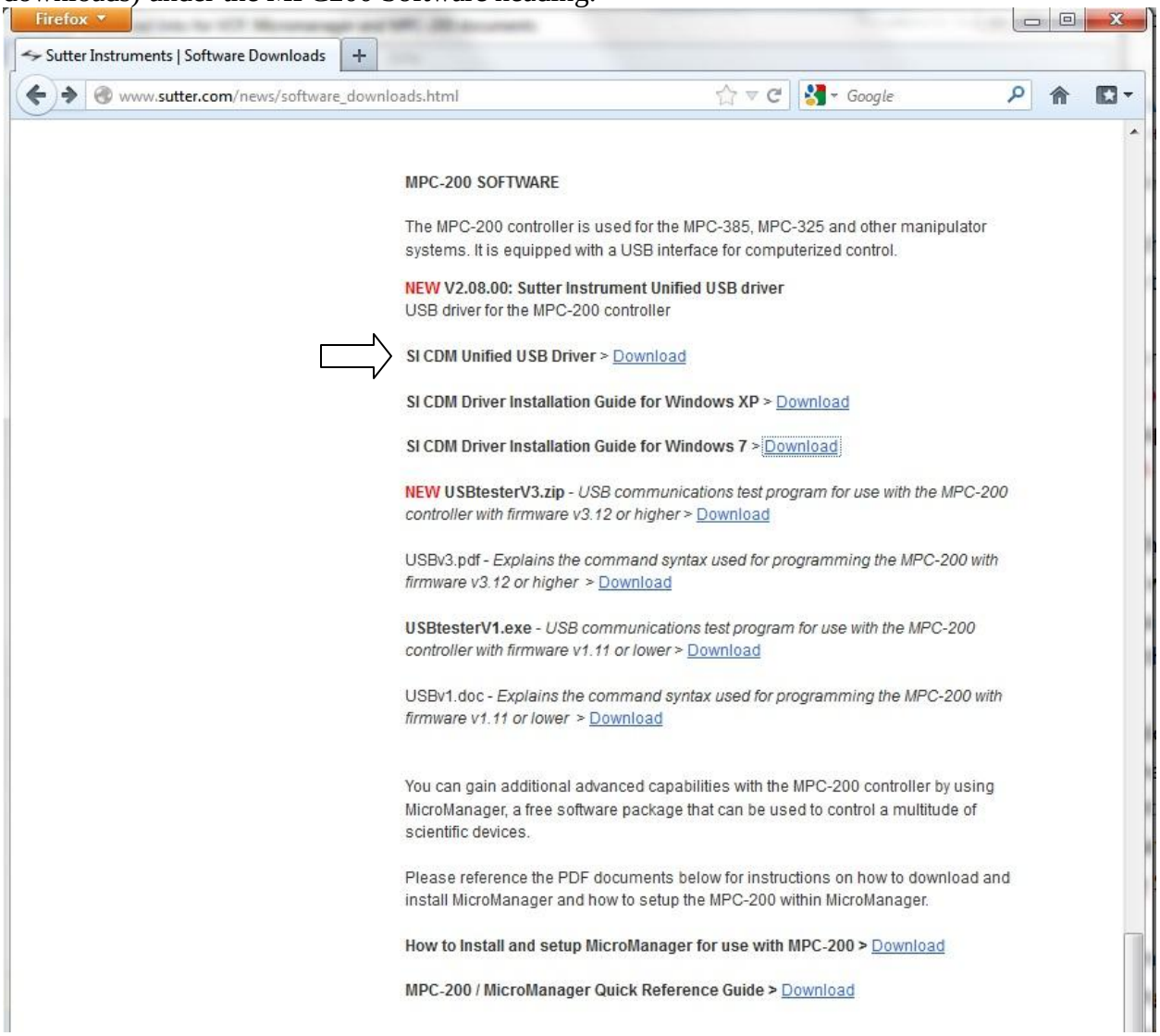
Installation Guide for Windows 7-
How to install CMD Driver, Micro-Manager and configure for MPC-200 on PC

Download **SI CDM Unified USB Driver** (www.sutter.com→ News and Download→Software downloads) under the MPC200 Software heading.

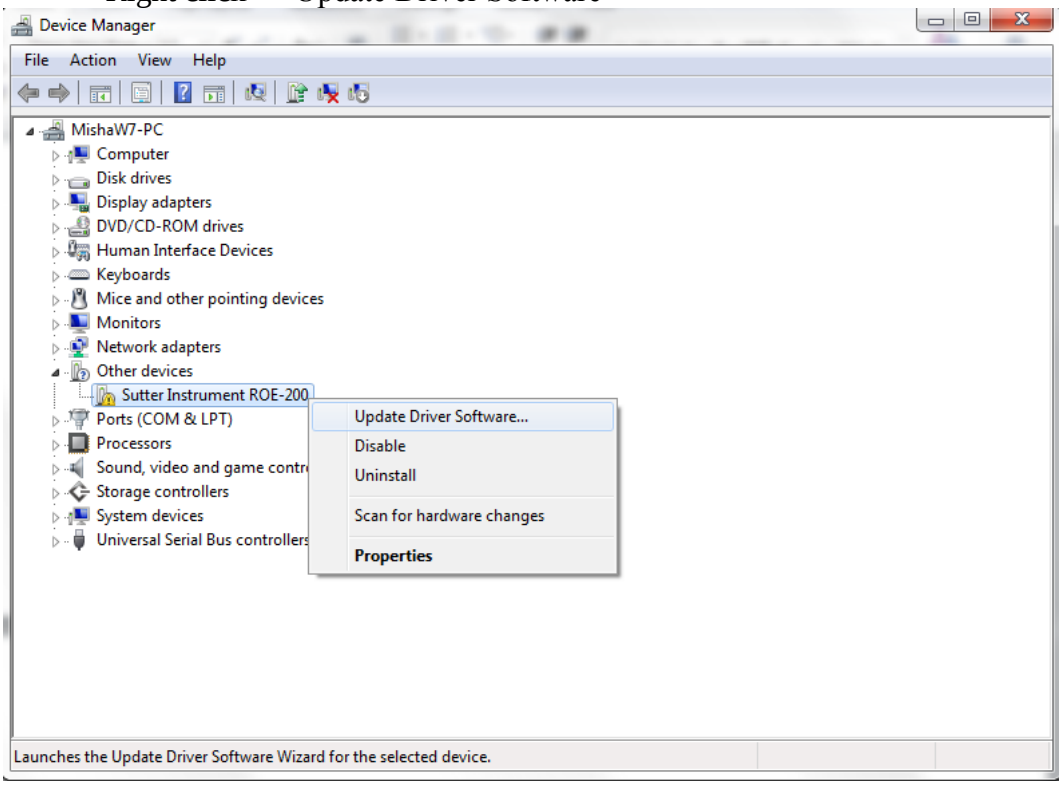


You can also download the **SI Lambda USB Driver.** Ignore the heading Lambda Software. This driver works for the MPC200/ROE200 with Windows 7 operating systems too.

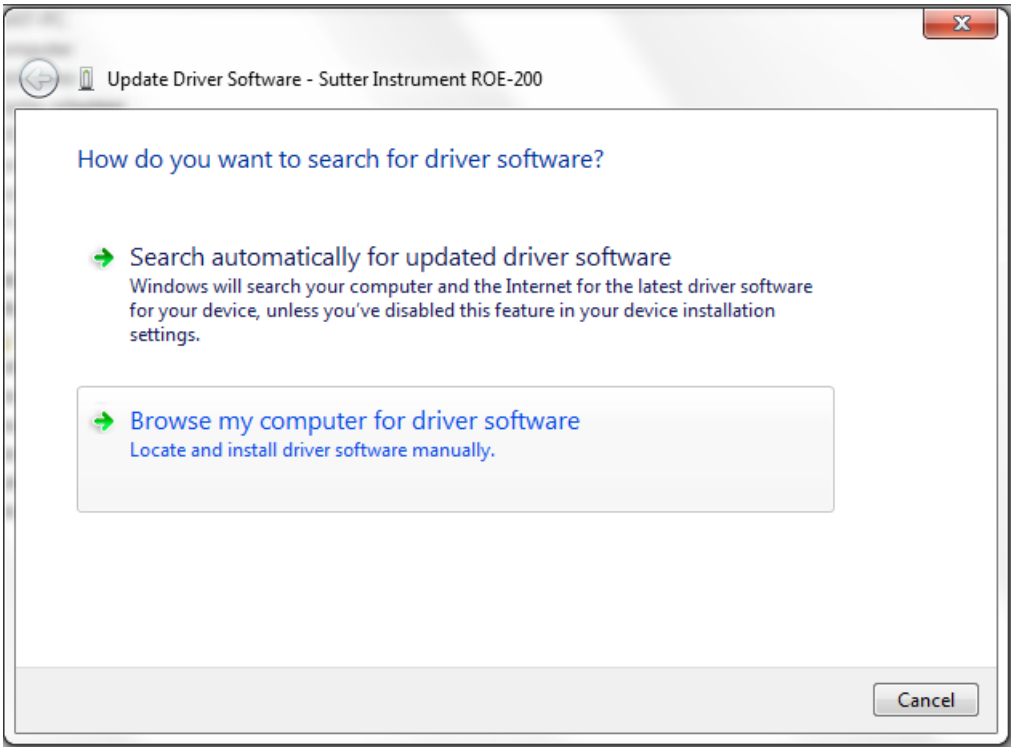
IMPORTANT: Save and Unzip file **on Desktop**.

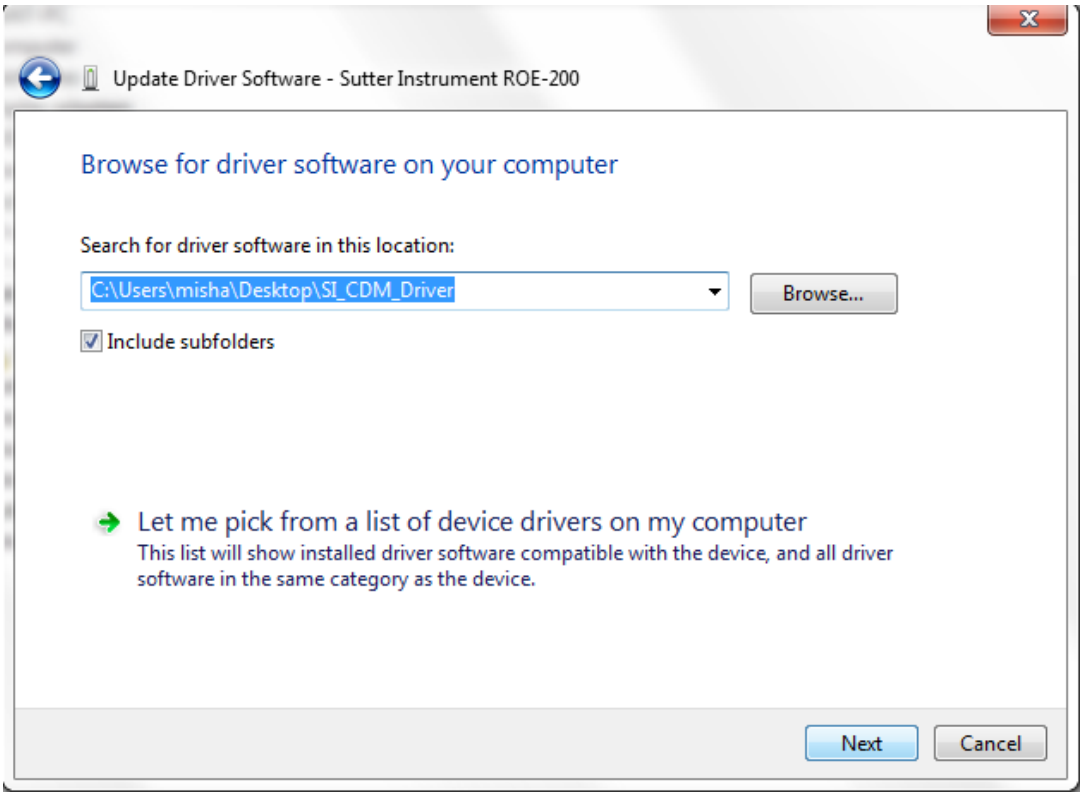
Installing the ROE200 and the VCP:
Attach ROE-200 to computer using USB, turn on MPC-200, Windows will attempt to install driver. Wait for "the Driver cannot be found" message to appear in the lower right corner, then

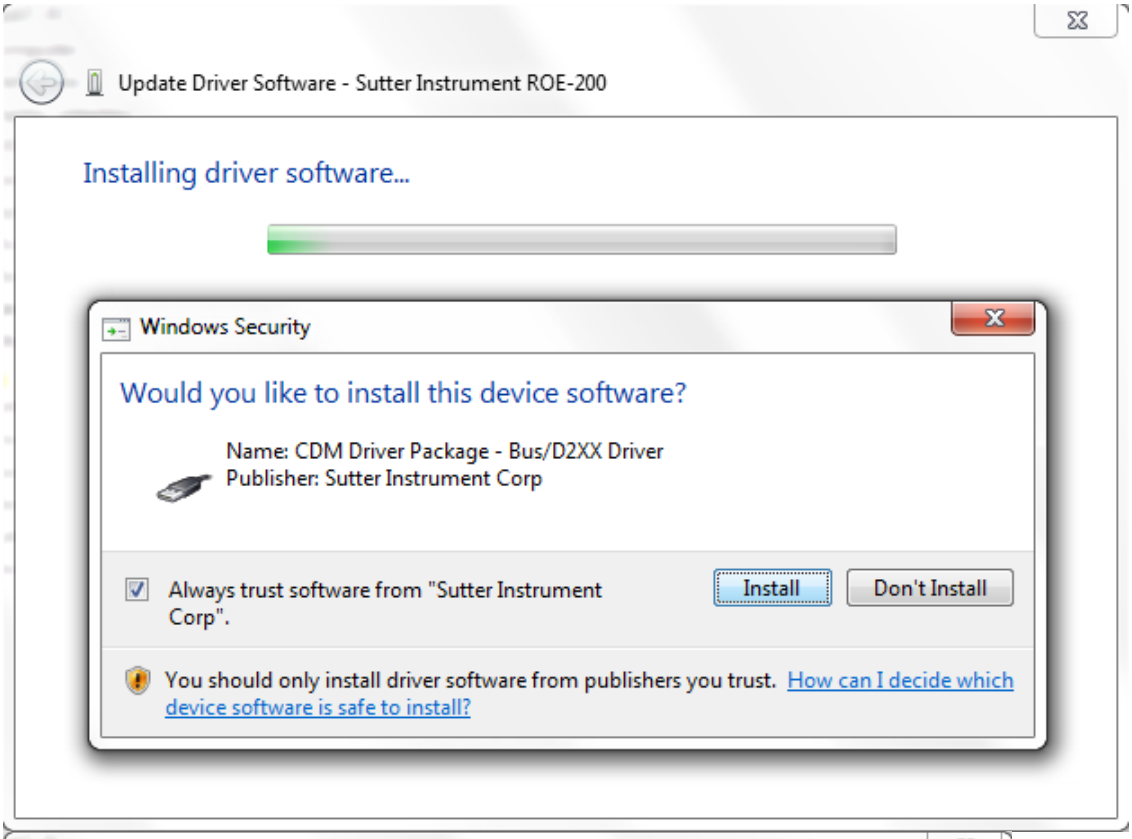
Open Device Manager→ Other devices→ Sutter Instrument ROE-200
Right click → Update Driver Software

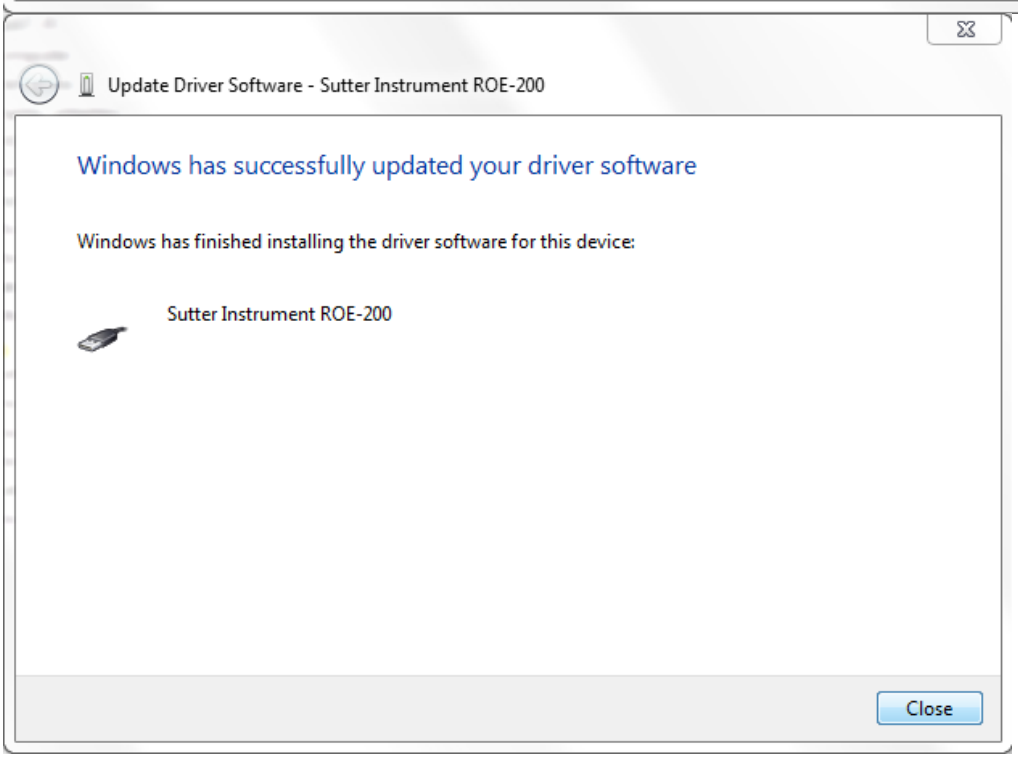


Browse your computer for driver software (saved on the desktop as SI_CMD_Driver).
Next. Install. Close.

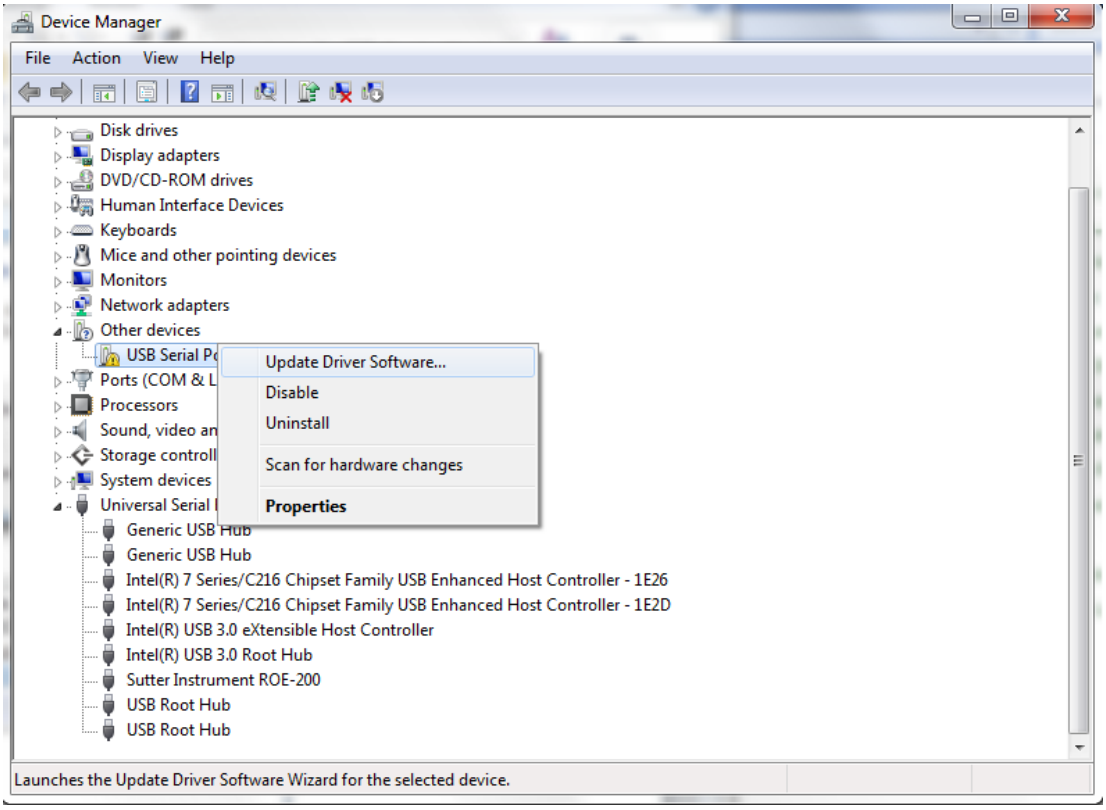

Update Driver Software - Sutter Instrument ROE-200
How do you want to search for driver software?
Search automatically for updated driver software
Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.
Browse my computer for driver software
Locate and install driver software manually.
Cancel

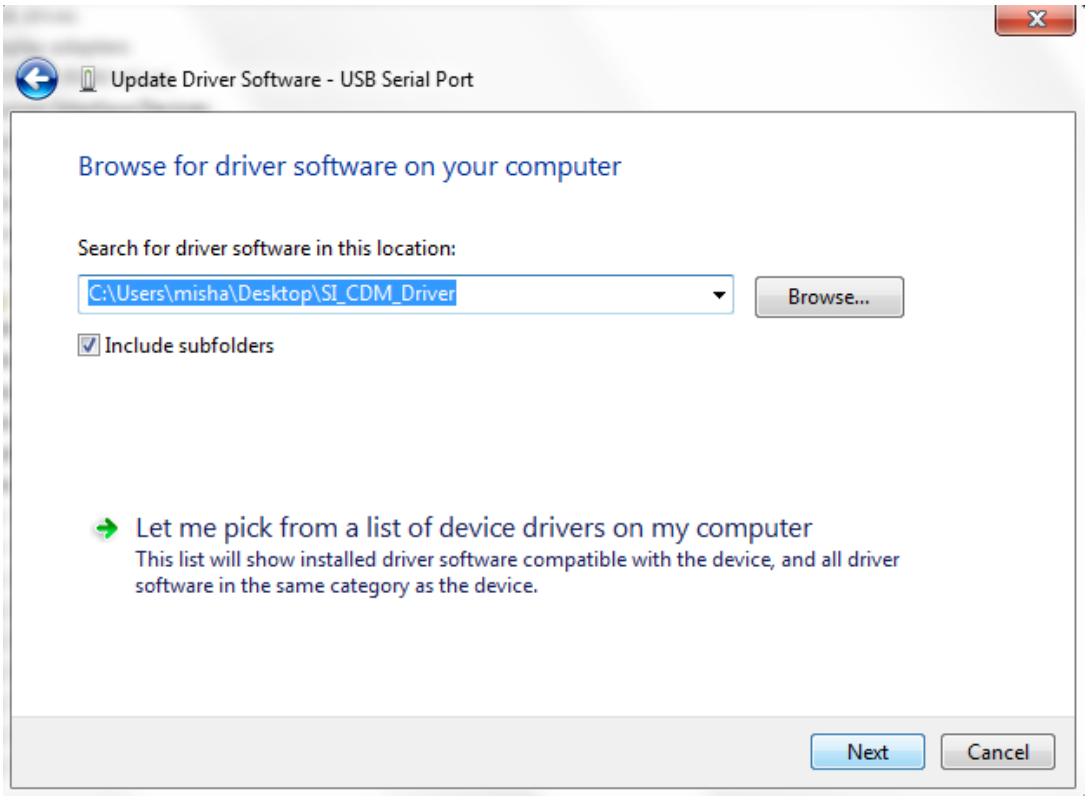

Update Driver Software - Sutter Instrument ROE-200
Browse for driver software on your computer
Search for driver software in this location:
C:\Users\misha\Desktop\SI_CDM_Driver
Browse...
Include subfolders
Let me pick from a list of device drivers on my computer
This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
Next
Cancel

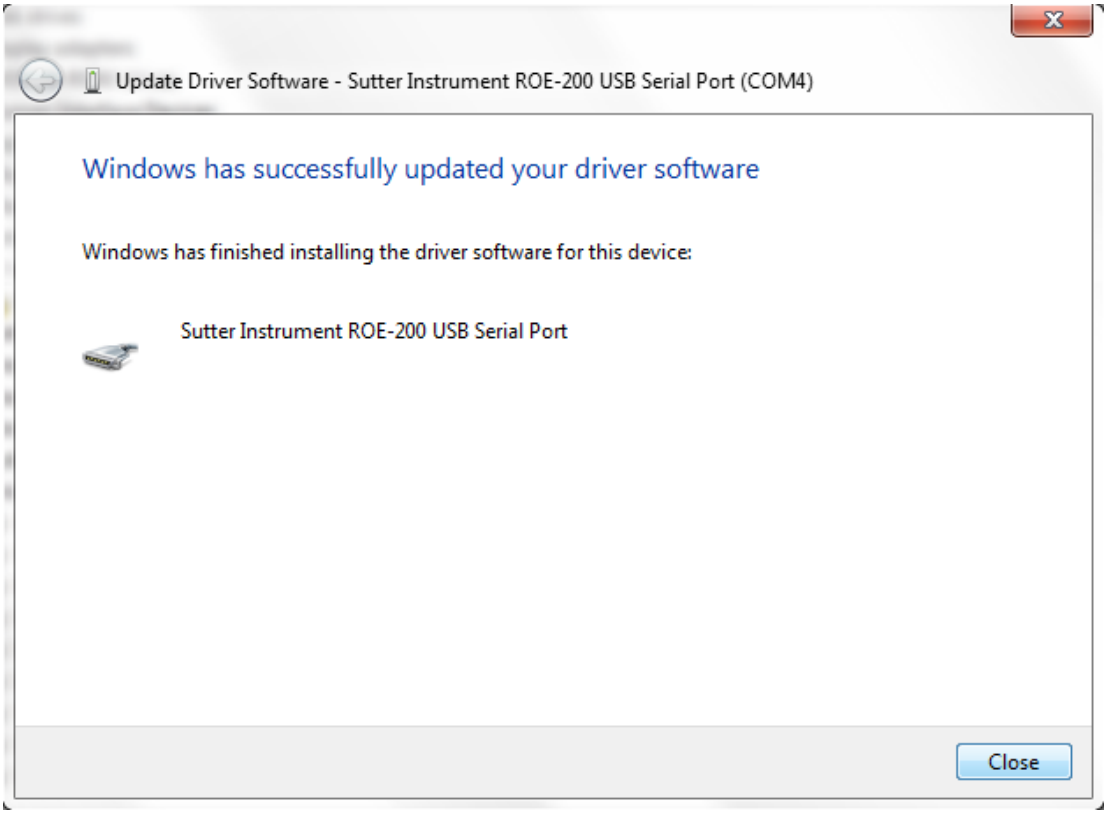




Next step is to set up the Virtual COM port for the ROE-200. Repeat the steps to update the driver, browsing the SI_CDM_ Driver folder on the desktop

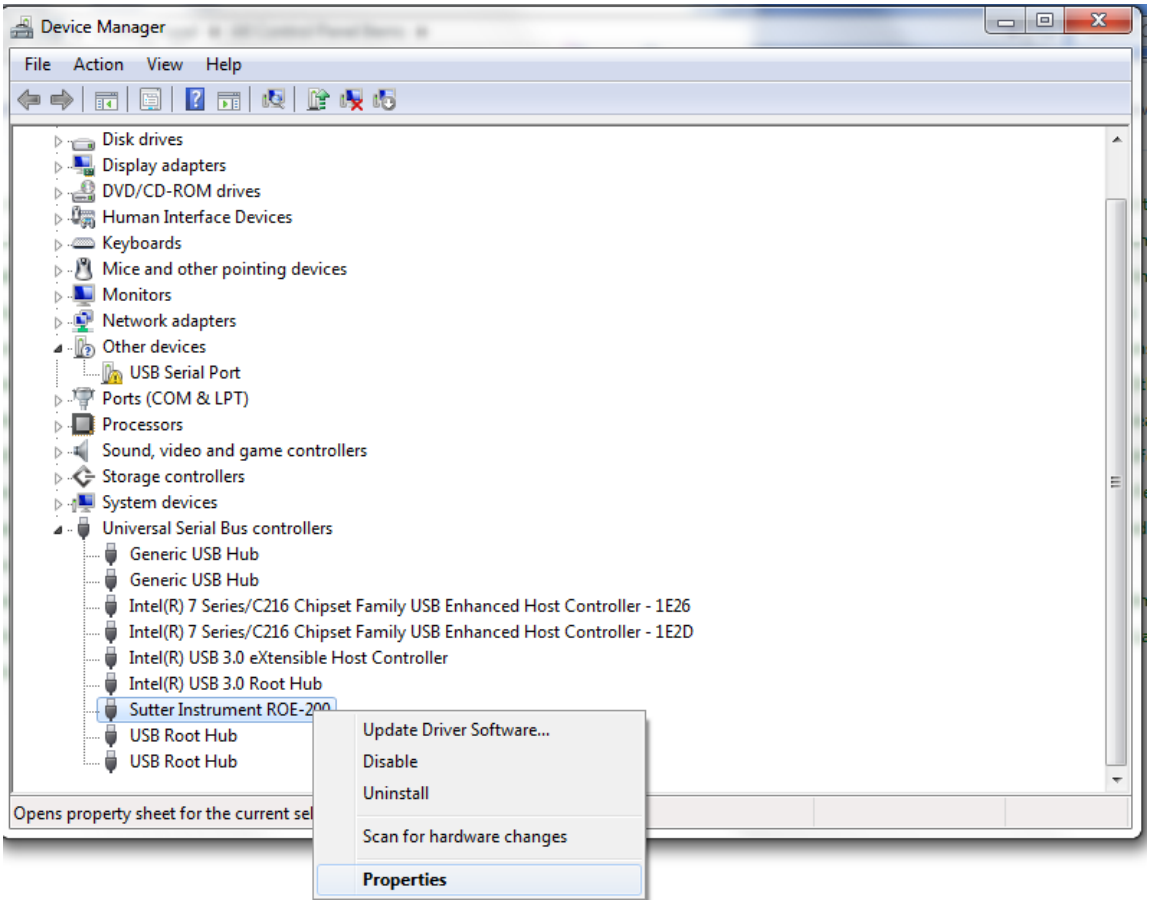

Device Manager
File Action View Help
Disk drives
Display adapters
DVD/CD-ROM drives
Human Interface Devices
Keyboards
Mice and other pointing devices
Monitors
Network adapters
Other devices
USB Serial Pc
Update Driver Software...
Disable
Uninstall
Scan for hardware changes
Properties
Ports (COM & L
Processors
Sound, video an
Storage controll
System devices
Universal Serial
Generic USB Hub
Generic USB Hub
Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E26
Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E2D
Intel(R) USB 3.0 eXtensible Host Controller
Intel(R) USB 3.0 Root Hub
Sutter Instrument ROE-200
USB Root Hub
USB Root Hub
Launches the Update Driver Software Wizard for the selected device.


Update Driver Software - USB Serial Port
Browse for driver software on your computer
Search for driver software in this location:
C:\Users\misha\Desktop\SI_CDM_Driver
Browse...
Include subfolders
Let me pick from a list of device drivers on my computer
This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
Next
Cancel

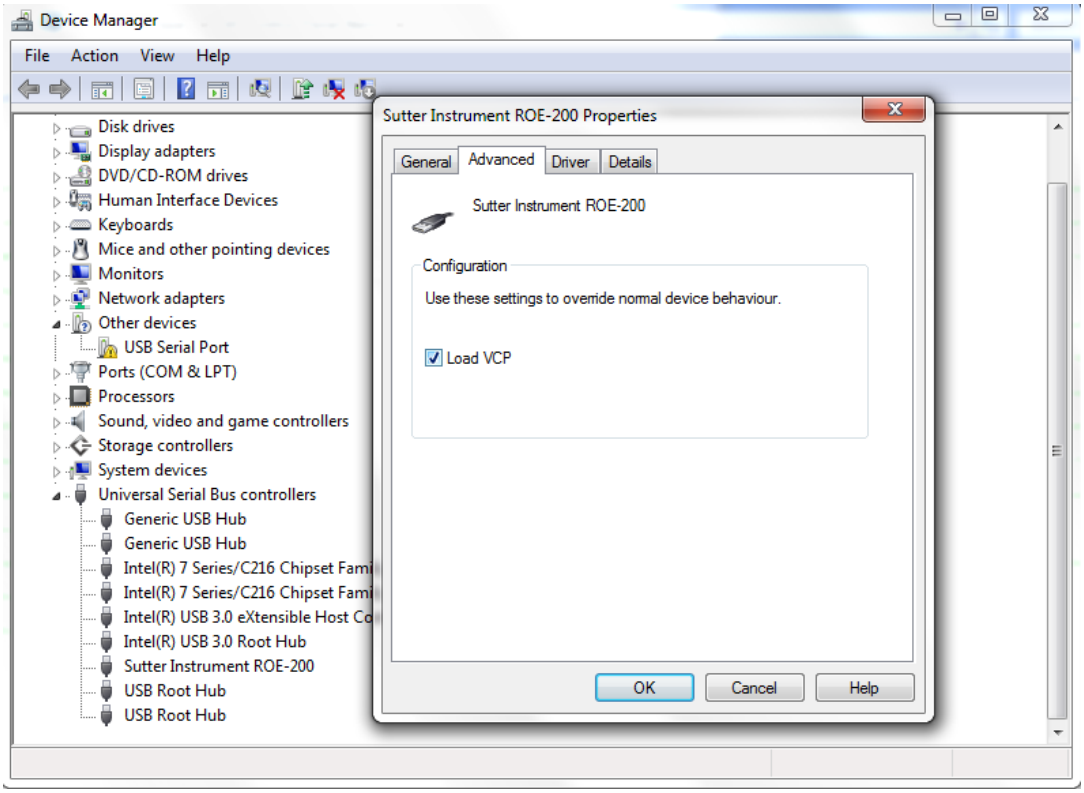


Now Device Manager → Universal Serial Bus controllers show a Sutter Instrument ROE-200(result of ROE installation). If you check Device Manager → Ports, the ROE200 will show as a COM port (result of VCP installation).

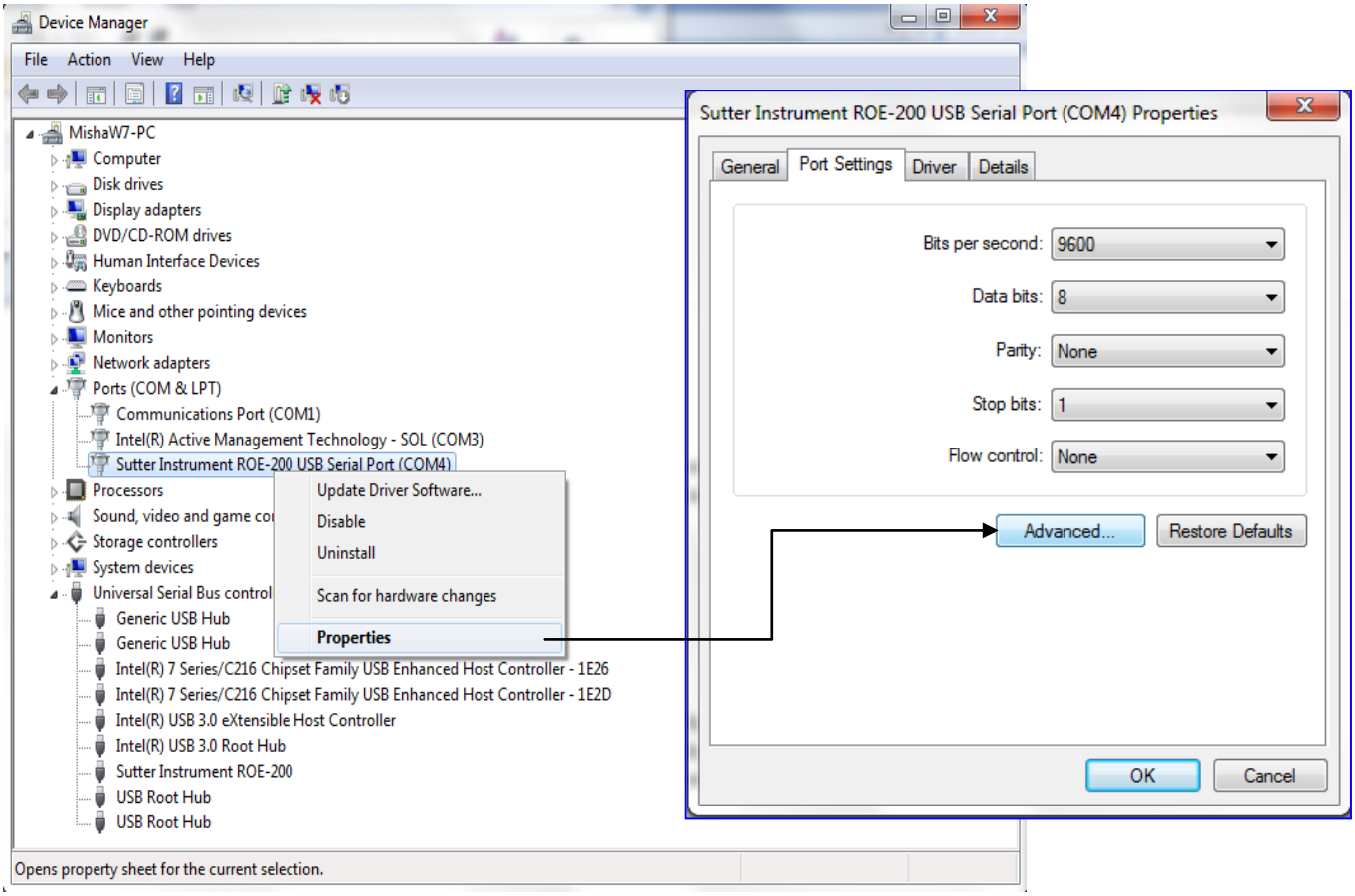
Note: If you are using the ROE as a true USB device, such as with USBTester, you can turn off the VCP:



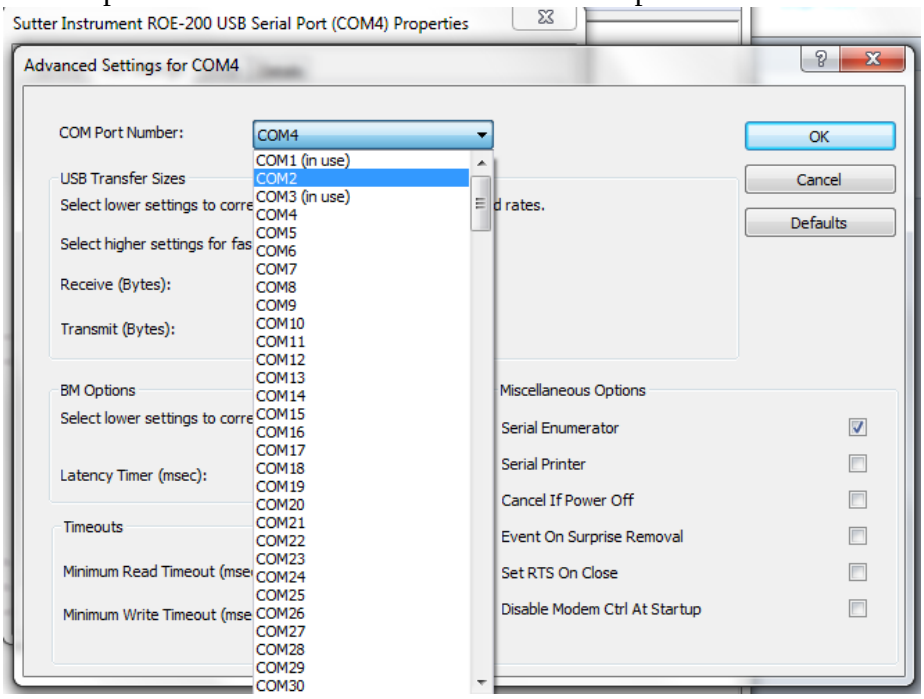
Right Click Sutter Instrument ROE-200 and go to Properties. In the Properties Window pick the Advanced tab and unclick Load VCP:



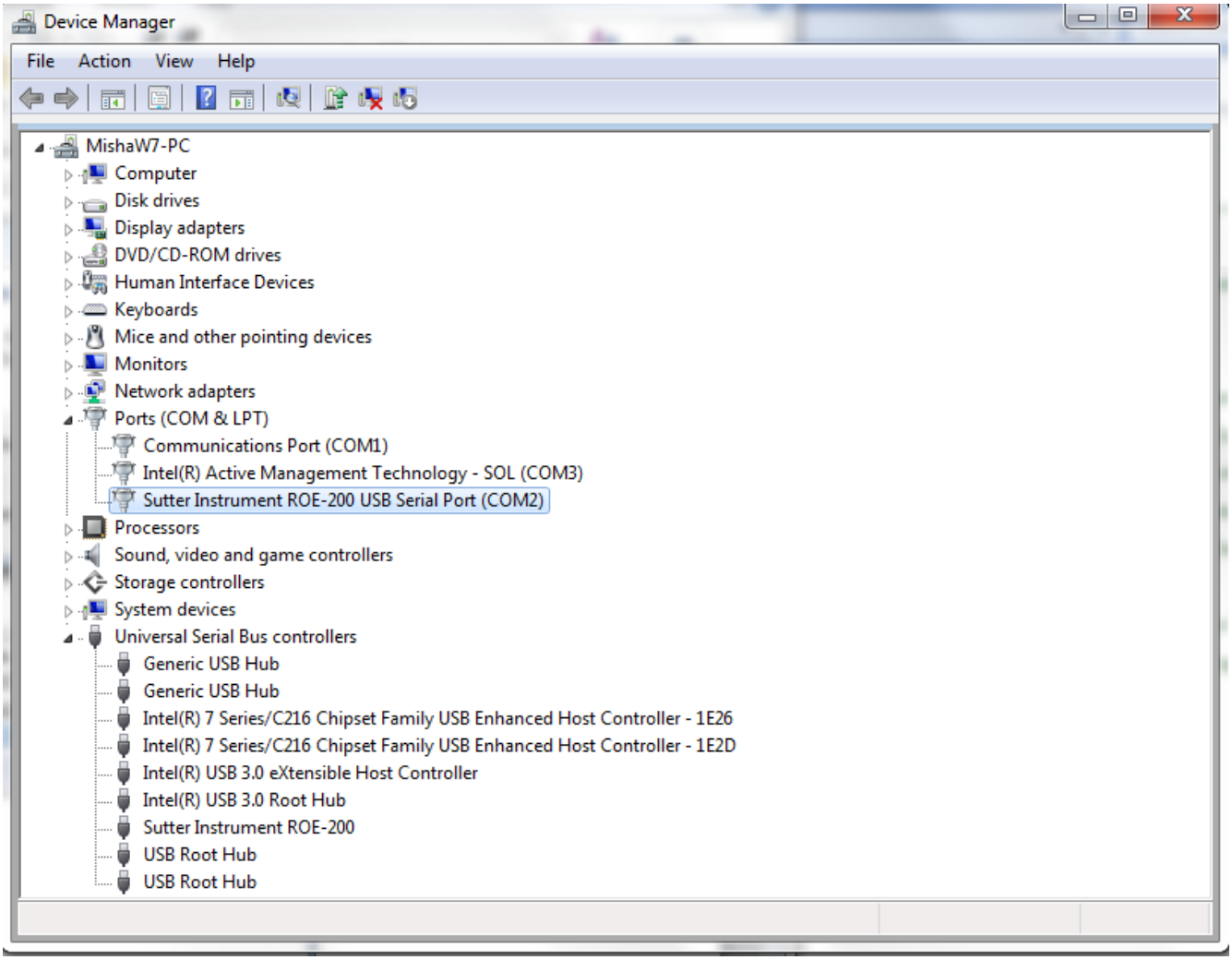
In the example above, the COM port number was established as COM4. Some programs such as **μ-Manager** prefer the lowest COM port number possible. To change the COM port number, follow the steps below:



Use drop down menu to choose the lowest COM port number not in use. OK, OK.



The Device Manager should now show the change to the COM port number



Establishing and configuring the USB port connection for the ROE-200 is complete.